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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/828,450	04/06/2001	Lida Nobakht	CTV-001-1P	6904

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EXAMINER

LIM, KRISNA

ART UNIT PAPER NUMBER

2153

DATE MAILED: 07/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/828,450

Applicant(s)

NOBAKHT ET AL.

Examiner

Krisna Lim

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on 03 January 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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1. Claims 1-18 are still pending for examination.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6 and 12-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hsu [U.S. Patent No. 6,195,692] in view of Ewen et al. [U.S. Publication No. 2002/0026643].

4. As to claim 1, Hsu discloses a method for establishing a channel-based network for accessing the Internet comprising:

a) storing a channel table (e.g., see col. 6, lines 1-5, which describes that the server provides a "page which links or shortcuts to internet content" and that the pages are displayed as part of a selection of channels") in a system server (16 of figure 1) connected to the internet (at figure 1), wherein the channel table includes internet addresses [URL, at col. 9, lines 32-33] with corresponding channel numbers and names [at figure 8, col. 9, lines 37-47, and col. 10, lines 1-3]; and

b) downloading the channel table from the system server to a user terminal [client 10 of figure 1, cols. 3, line 16-17] using a satellite system [DBS 19 of figure 1, and col. 4 (line 63) to col. 5 (line 3), col. 6, lines 1-11].

5. While in Fig. 1, Hsu discloses the data communication between the server 16 to the client 10 via either a cable 17 or a modem 18 or a satellite 19, Hsu does not teach that the Internet is used to facilitate the communication between the server 16 and the client 10 and the satellite 19. Ewen et al., on the other hand, clearly discloses the use the uplink facility 605 and the Internet 675 for uploading and downloading data between

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the satellite 640 and the user 615. Using satellite communication network for better and cost effective communication between two users is known to one skill in the art at the time the invention was made, thus it would have been obvious to combine the teaching of Hsu and Ewen et al. in order to data communication network that allows uploading and downloading data between the server and the user via the Internet and the satellite.

6. As to claim 2, Hsu further anticipates retrieving an Internet address [URL, at col. 9, lines 32-33) from the channel table downloaded to the user terminal in response to a channel number or channel name selected by a user at figure 8, col. 9, lines 37-47, and col. 10, lines 1-3]; and transmitting the Internet address from the user terminal to the Internet (e.g., see col. 5, line 59).
7. As to claim 3, Hsu further anticipates transmitting information from an Internet site (e.g., see col. 6, lines 1-11) associated with the Internet address to the user terminal [client 10 of figure 1, cols. 3, line 16-17] by the satellite system [DBS 19 of figure 1, and col. 4 (line 63) to col. 5 (line 3), col. 6, lines 1-11].
8. As to claim 4, Hsu further anticipates the Internet address is transmitted from the user terminal [client 10 of figure 1, cols. 3, lines 6-17] to the Internet by a terrestrial communication system (cable 17, or a telephone modem 18, col. 4, lines 28-30 and 50-51).
9. As to claim 5, Hsu further anticipates the Internet address is transmitted from the user terminal [client 10 of figure 1, cols. 3, lines 16-17] to the Internet by the satellite system [DBS 19 of Fig. 1, col. 4 (line 4) to col. 5, line 3].
10. As to claim 6, Hsu discloses information are transmitted between the client 10 of figure 1 and the Internet by the satellite system DBS 19 at different and about equal bandwidths (e.g., see column 2, lines 61-67, column 4, lines 51-67).

11. As to claims 12-18 they are similarly rejected in view of the HSU reference as in paragraphs 5-10 above.
12. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
13. Claims 7-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hsu [U.S. Patent No. 6,195,692] in view of Ewen et al. [U.S. Publication No. 2002/0026643], as applied to claims 1-6 above, and further in view of Challener et al. [U.S. Patent No. 6,598,032].
14. As to the rejection of claims 1-6, see paragraphs 5-10 above.
15. As to claims 7 and 9, Hsu does not explicitly detail or address the security features (e.g., authorization, authentication, etc.). However, the feature of comparing and checking for the properly authorized user identification (e.g., PIN) before allowing the communication to take place is clearly taught by Challener et al. (e.g., see 410 and 412 of Fig. 4, col. 1, line 26, to col. 4, line 10). Data communication with a security and protection over the computer network (e.g., Internet) would have been a desire feature in the art at the time the invention was made. Thus, it would have been obvious to one of ordinary skilled in the art at the time the invention was made to recognize that by incorporate the teaching of Challener's into Hsu's system the security and data protection can be achieved.
16. As to claims 8 and 10, Challener clearly teaches the feature of reading the user identification information from an asset manager memory of the user terminal and a

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smart card (112) inserted in a socket of the terminal (108) (e.g., see col. 1, lines 29-40, Figs. 1-2).

17. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hsu [U.S. Patent No. 6,195,692] as applied to claim 1 above, and further in view of Bright et al. [U.S. Patent No. 5,694,473].

18. As to the rejection of claim 1, see paragraph 5 above.

19. As to claim 11,, Hsu does not explicitly detail or address the feature of encryption and decryption data. However, such feature of encryption and decryption data in order to prevent unauthorized recipient from reading or receiving the data is clearly taught by Bright et al. (e.g., see the title, an abstract, col. 2, line 61, to col. 3, line 67). Preventing unauthorized recipient from reading or receiving information would have been a desire feature in the art at the time the invention was made. Thus, it would have been obvious to one of ordinary skilled in the art at the time the invention was made to recognize that by incorporate the teaching of Bright et al. into Hsu's system the data or information can be properly read or received by the proper recipient.

20. Applicant's arguments with respect to claims 1-18 have been considered but are moot in view of the new ground(s) of rejection.

21. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

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shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Krisna Lim whose telephone number is 571-272-3956. The examiner can normally be reached on Monday to Wednesday and Friday from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess, can be reached on 571-272-3949. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KI

July 14, 2006



**KRISNA LIM**  
**PRIMARY EXAMINER**